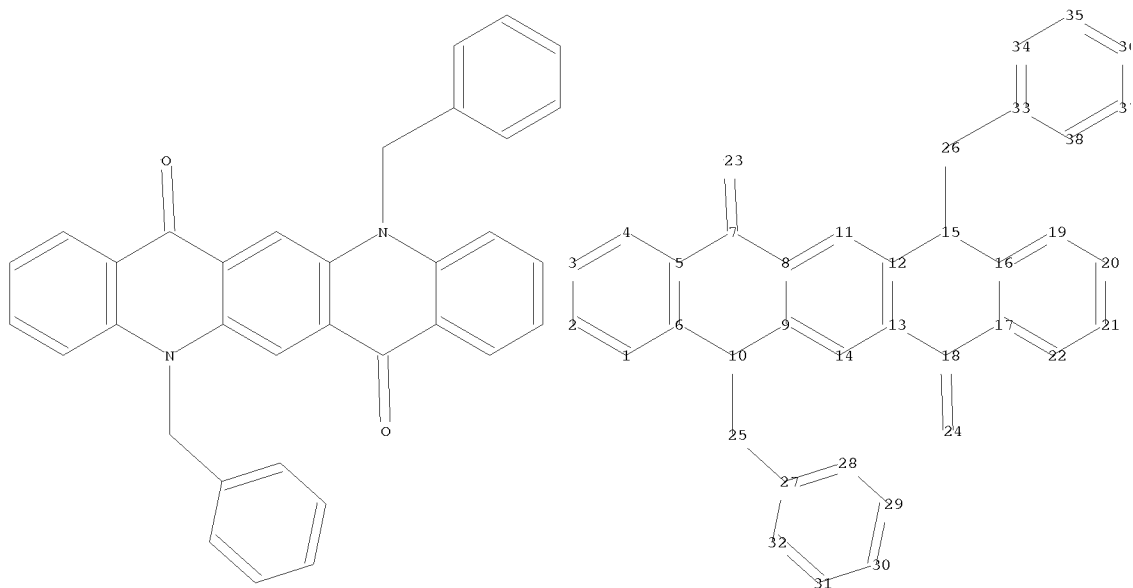


=>



chain nodes :

23 24 25 26

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 27 28 29 30 31 32 33 34 35
36 37 38

chain bonds :

7-23 10-25 15-26 18-24 25-27 26-33

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13 12-15 13-14 13-18
15-16 16-17 16-19 17-18 17-22 19-20 20-21 21-22 27-28 27-32 28-29 29-30 30-31
31-32 33-34 33-38 34-35 35-36 36-37 37-38

exact/norm bonds :

5-7 6-10 7-8 7-23 9-10 10-25 12-15 13-18 15-16 15-26 17-18 18-24

exact bonds :

25-27 26-33

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-11 9-14 11-12 12-13 13-14 16-17 16-19 17-22 19-20 20-21
21-22 27-28 27-32 28-29 29-30 30-31 31-32 33-34 33-38 34-35 35-36 36-37 37-38

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom

12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom
22:Atom 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom
32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:Atom 38:Atom

L1 STRUCTURE UPLOADED

=> s l1 sss sam

SAMPLE SEARCH INITIATED 09:10:00 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 34 TO ITERATE

100.0% PROCESSED 34 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 331 TO 1029

PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 09:10:05 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 803 TO ITERATE

100.0% PROCESSED 803 ITERATIONS

60 ANSWERS

SEARCH TIME: 00.00.01

L3 60 SEA SSS FUL L1

=> s l3

L4 32 L3

=> s l4 and py<=2003

23982103 PY<=2003

L5 16 L4 AND PY<=2003

=> s l5 and patent/dt

6240930 PATENT/DT

L6 12 L5 AND PATENT/DT

=> s l5 not l6

L7 4 L5 NOT L6

=> d l7 1-4 ibib hitstr

L7 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Novel organic composites based on N-substituted quinacridone derivatives for molecular organic light-emitting diodes

Author/Inventor

Murata, Hideyuki; Merritt, Charles D.; Kafafi, Zakya H.

Patent Assignee/Corporate Source

U.S. Naval Research Laboratory, Washington, DC, 20375, USA

Source

Science and Technology of Polymers and Advanced Materials: Emerging Technologies and Business

Opportunities, [Proceedings of the International Conference on Frontiers of Polymers and Advanced Materials], 4th, Cairo, Jan. 4-9, 1997 (1998), Meeting Date 1997, 207-214. Editor(s): Prasad, Paras N. Plenum: New York, N. Y. CODEN: 67CCA5

Document Type
Conference

Language
English

L7 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Doping of the charge transport layer with highly luminescent molecules

Author/Inventor

Kafafi, Zakya H.; Fatemi, Darius J.; Murata, Hideyuki; Merritt, Charles D.

Patent Assignee/Corporate Source

U. S. Naval Res. Lab., Washington, DC, 20375, USA

Source

Polymer Preprints (American Chemical Society, Division of Polymer Chemistry) (1997), 38(1), 390-391
CODEN: ACPPAY; ISSN: 0032-3934

Document Type

Journal

Language

English

L7 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Solid solutions based on unsubstituted quinacridone and dialkylquinacridones

Author/Inventor

Pushkina, L. L.; Bondarenko, E. A.; Kabachenko, V. V.; Shelyapin, O. P.

Patent Assignee/Corporate Source

USSR

Source

Zhurnal Prikladnoi Khimii (Sankt-Peterburg, Russian Federation) (1989), 62(1), 164-8 CODEN: ZPKHAB;
ISSN: 0044-4618

Document Type

Journal

Language

Russian

L7 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Synthesis of N,N'-dialkylquinacridones using phase-transfer catalysis

Author/Inventor

Pushkina, L. L.; Shelyapin, O. P.; Shein, S. M.

Patent Assignee/Corporate Source

Nauchno-Issled. Inst. Org. Poluprod. Krasitelei, Rubezhnoe, 349870, USSR

Source

Khimiya Geterotsiklicheskikh Soedinenii (1985), (7), 952-5 CODEN: KGSSAQ; ISSN: 0453-8234

Document Type

Journal

Language

Russian

=> dl6 1-12 ibib

DL6 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d 16 1-12 ibib

L6 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Single compound white luminescent device and white electroluminescent component using carbazole or quinacridone derivative

Author/Inventor

Nakaya, Tadao; Eto, Naonobu; Saikawa, Tomoyuki; Ikeda, Atsushi; Kimura, Yoshihiro; Yamauchi, Takao

Patent Assignee/Corporate Source

Taiho Kogyo Co., Ltd., Japan; Hirose Engineering Co., Ltd.

Source

Jpn. Kokai Tokkyo Koho, 26 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 2003203780</u>	<u>A</u>	<u>20030718</u>	<u>JP 2002-10895</u>	<u>20020118</u>

Patent Number (1)

JP 2003203780

Kind Code (1)

A

Patent Publication Date (1)

20030718

Application Number (1)

JP 2002-10895

Application Date (1)

20020118

Priority Patent Number (1)

JP 2001-333569

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

20011030

L6 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Preparation of white fluorescent quinacridones

Author/Inventor

Nakaya, Tadao; Eto, Naonobu; Saikawa, Tomoyuki; Ikeda, Atsushi; Kimura, Yoshihiro; Yamauchi, Takao

Patent Assignee/Corporate Source

Taiho Kogyo Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 31 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 2003192684</u>	<u>A</u>	<u>20030709</u>	<u>JP 2002-12223</u>	<u>20020121</u>

Patent Number (1)

JP 2003192684
Kind Code (1)
A
Patent Publication Date (1)
20030709
Application Number (1)
JP 2002-12223
Application Date (1)
20020121
Priority Patent Number (1)
JP 2001-292509
Priority Kind Code (1)
A
Priority Patent Publication Date (1)
20010925

L6 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Fluorescent colorant compositions with good heat, solvent, and light resistance

Author/Inventor

Tamano, Michiko

Patent Assignee/Corporate Source

Toyo Ink Mfg. Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 11 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 2002256168</u>	<u>A</u>	<u>20020911</u>	<u>JP 2001-59437</u>	<u>20010305</u>

Patent Number (1)

JP 2002256168

Kind Code (1)

A

Patent Publication Date (1)

20020911

Application Number (1)

JP 2001-59437

Application Date (1)

20010305

Priority Patent Number (1)

JP 2001-59437

Priority Patent Publication Date (1)

20010305

L6 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Light-resistant fluorescent colorants having good compatibility with resins

Author/Inventor

Tamano, Michiko

Patent Assignee/Corporate Source

Toyo Ink Mfg. Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 15 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 2002038044</u>	<u>A</u>	<u>20020206</u>	<u>JP 2000-230268</u>	<u>20000731</u>

Patent Number (1)

JP 2002038044

Kind Code (1)

A

Patent Publication Date (1)

20020206

Application Number (1)

JP 2000-230268

Application Date (1)

20000731

Priority Patent Number (1)

JP 2000-230268

Priority Patent Publication Date (1)

20000731

L6 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Ink-jet printing method and printed image

Author/Inventor

Oya, Hidenobu; Kaga, Makoto; Asatake, Atsushi; Suzuki, Shinichi; Nakamura, Masaki; Nagasawa, Tadahiro

Patent Assignee/Corporate Source

Konica Co., Japan

Source

Jpn. Kokai Tokkyo Koho, 16 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 2002019261</u>	<u>A</u>	<u>20020123</u>	<u>JP 2000-204869</u>	<u>20000706</u>

Patent Number (1)

JP 2002019261

Kind Code (1)

A

Patent Publication Date (1)

20020123

Application Number (1)

JP 2000-204869

Application Date (1)

20000706

Priority Patent Number (1)

JP 2000-204869

Priority Patent Publication Date (1)

20000706

L6 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Image forming method with ink composition and acid generating compound

Author/Inventor

Ooya, Hidenobu; Morimoto, Hitoshi

Patent Assignee/Corporate Source

Konica Co., Japan

Source

Jpn. Kokai Tokkyo Koho, 17 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001315424	A	20011113	JP 2000-135184	20000508

Patent Number (1)

JP 2001315424

Kind Code (1)

A

Patent Publication Date (1)

20011113

Application Number (1)

JP 2000-135184

Application Date (1)

20000508

Priority Patent Number (1)

JP 2000-135184

Priority Patent Publication Date (1)

20000508

L6 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Storage-stable ink compositions and methods for forming images having high quality

Author/Inventor

Oya, Hidenobu

Patent Assignee/Corporate Source

Konica Co., Japan

Source

Jpn. Kokai Tokkyo Koho, 20 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001247799	A	20010911	JP 2000-61787	20000307

Patent Number (1)

JP 2001247799

Kind Code (1)

A

Patent Publication Date (1)

20010911

Application Number (1)

JP 2000-61787

Application Date (1)

20000307

Priority Patent Number (1)
JP 2000-61787
Priority Patent Publication Date (1)
20000307

L6 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Storage stable aqueous ink compositions and image formation method therewith

Author/Inventor

Oya, Hidenobu

Patent Assignee/Corporate Source

Konica Co., Japan

Source

Jpn. Kokai Tokkyo Koho, 21 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 2001226614</u>	<u>A</u>	<u>20010821</u>	<u>JP 2000-39360</u>	<u>20000217</u>

Patent Number (1)
JP 2001226614

Kind Code (1)
A

Patent Publication Date (1)
20010821

Application Number (1)
JP 2000-39360

Application Date (1)
20000217

Priority Patent Number (1)
JP 2000-39360

Priority Kind Code (1)
A

Priority Patent Publication Date (1)
20000217

L6 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Organic electric-field light-emitting device containing quinacridone compound

Author/Inventor

Nakatsuka, Masakatsu; Kitamoto, Noriko

Patent Assignee/Corporate Source

Mitsui Chemicals Inc., Japan

Source

Jpn. Kokai Tokkyo Koho, 19 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 11087059</u>	<u>A</u>	<u>19990330</u>	<u>JP 1997-255989</u>	<u>19970904</u>

Patent Number (1)

JP 11087059
Kind Code (1)
A
Patent Publication Date (1)
19990330
Application Number (1)
JP 1997-255989
Application Date (1)
19970904
Priority Patent Number (1)
JP 1997-255989
Priority Patent Publication Date (1)
19970904

L6 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Organic electroluminescent device with excellent luminous intensity

Author/Inventor

Nakatsuka, Masakatsu; Kitamoto, Noriko

Patent Assignee/Corporate Source

Mitsui Chemicals Inc., Japan

Source

Jpn. Kokai Tokkyo Koho, 17 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11054283	A	19990226	JP 1997-221199	19970804

Patent Number (1)

JP 11054283

Kind Code (1)

A

Patent Publication Date (1)

19990226

Application Number (1)

JP 1997-221199

Application Date (1)

19970804

Priority Patent Number (1)

JP 1997-221199

Priority Patent Publication Date (1)

19970804

L6 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Fluorescent materials and their use

Author/Inventor

Otani, Junji; Kunitomo, Kazuhiko; Deno, Takashi; Devlin, Brian Gerrard; Kodama, Kunihiro

Patent Assignee/Corporate Source

Ciba Specialty Chemicals Holding Inc., Switz.

Source

PCT Int. Appl., 62 pp. CODEN: PIXXD2

Document Type

Patent

Language

English

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>WO 9833862</u>	<u>A1</u>	<u>19980806</u>	<u>WO 1998-EP314</u>	<u>19980121</u>

Patent Number (1)

WO 9833862

Kind Code (1)

A1

Patent Publication Date (1)

19980806

Application Number (1)

WO 1998-EP314

Application Date (1)

19980121

Priority Patent Number (1)

EP 1997-810049

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

19970203

L6 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Organic electroluminescent phosphors

Author/Inventor

Tamano, Michiko; Onikubo, Shunichi; Enokida, Toshio

Patent Assignee/Corporate Source

Toyo Ink Mfg Co, Japan

Source

Jpn. Kokai Tokkyo Koho, 21 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 09013026</u>	<u>A</u>	<u>19970114</u>	<u>JP 1996-107452</u>	<u>19960426</u>

Patent Number (1)

JP 09013026

Kind Code (1)

A

Patent Publication Date (1)

19970114

Application Number (1)

JP 1996-107452

Application Date (1)

19960426

Priority Patent Number (1)

JP 1995-105220

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

19950428

=>

Connecting via Winsock to STN

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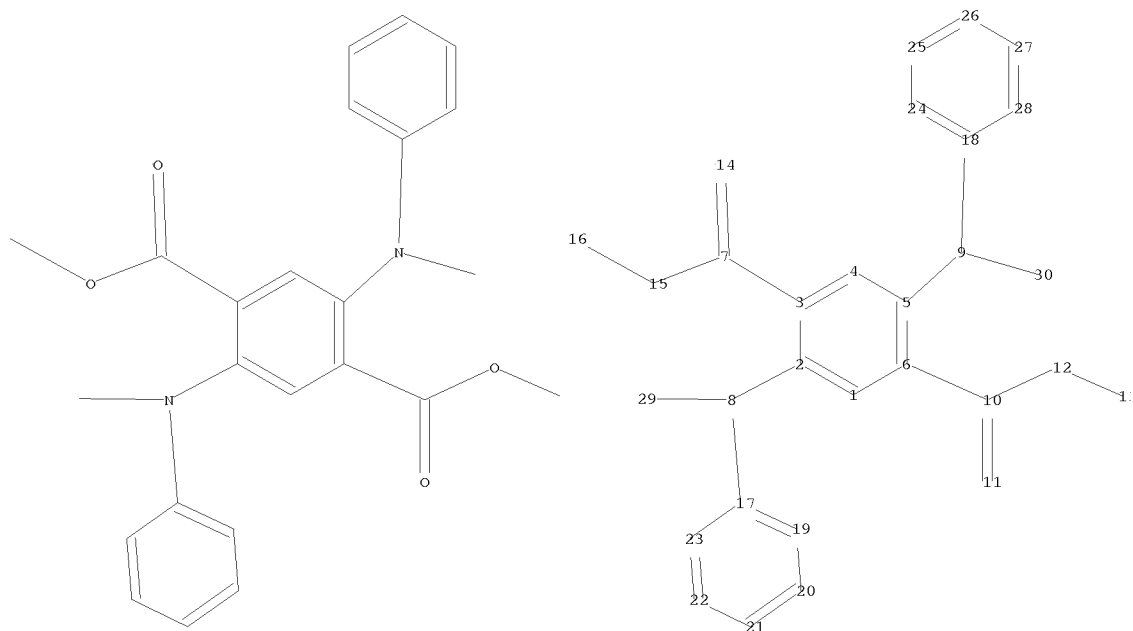
LOGINID:SSPTAMEN1774

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

=>



chain nodes :

7 8 9 10 11 12 13 14 15 16

ring nodes :

1 2 3 4 5 6 17 18 19 20 21 22 23 24 25 26 27 28

ring/chain nodes :

29 30

chain bonds :

2-8 3-7 5-9 6-10 7-14 7-15 8-17 8-29 9-18 9-30 10-11 10-12 12-13 15-16

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 17-19 17-23 18-24 18-28 19-20 20-21 21-22 22-23 24-25 25-26
26-27 27-28

exact/norm bonds :

2-8 5-9 7-14 7-15 8-17 8-29 9-18 9-30 10-11 10-12 12-13 15-16

exact bonds :

3-7 6-10

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 17-19 17-23 18-24 18-28 19-20 20-21 21-22 22-23 24-25 25-26
26-27 27-28

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS
12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:Atom 18:Atom 19:Atom 20:Atom
21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:CLASS
30:CLASS

L1 STRUCTURE UPLOADED

=> s l1 sss sam

SAMPLE SEARCH INITIATED 09:48:18 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 4 TO ITERATE

100.0% PROCESSED 4 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 4 TO 200

PROJECTED ANSWERS: 3 TO 163

L2 3 SEA SSS SAM L1

=> d scan l2

L2 3 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

Author/Inventor

1,4-Benzenedicarboxylic acid, 2,5-bis[2-anthracenyl[(4-methylphenyl)methyl]amino]-, 1,4-dimethyl ester

L2 3 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

Author/Inventor

Terephthalic acid, 2,5-bis[3,3-dibutyl-1-(p-chlorophenyl)ureido]-, dimethyl ester (8Cl)

L2 3 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

Author/Inventor

1,4-Benzenedicarboxylic acid, 2,5-bis[(9-ethyl-9H-carbazol-3-yl)hexylamino]-, 1,4-diethyl ester

=> s 11 sss full
FULL SEARCH INITIATED 09:48:47 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 95 TO ITERATE

100.0% PROCESSED 95 ITERATIONS
SEARCH TIME: 00.00.01

47 ANSWERS

L3 47 SEA SSS FUL L1

=> s 13
L4 25 L3

=> s 14 and py<=2003
23982103 PY<=2003
L5 17 L4 AND PY<=2003

=> s 15 and py<=2002
22931482 PY<=2002
L6 14 L5 AND PY<=2002

=> s 16 and quinacridone
2216 QUINACRIDONE
292 QUINACRIDONES
2271 QUINACRIDONE
(QUINACRIDONE OR QUINACRIDONES)
L7 1 L6 AND QUINACRIDONE

=> s 16 and ?quinacridone
2412 ?QUINACRIDONE
L8 1 L6 AND ?QUINACRIDONE

=> d 18 ibib

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
Title

Quinacridone pigment dyes

Author/Inventor

Bock, Gustav

Patent Assignee/Corporate Source

Badische Anilin- & Soda-Fabrik AG

Source

Ger., 4 pp. CODEN: GWXXAW

Document Type

Patent

Language

German

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 1236696		19670316	DE 1964-B76575	19640429

Patent Number (1)

DE 1236696

Patent Publication Date (1)

19670316

Application Number (1)

DE 1964-B76575

Application Date (1)

19640429

=> s 16 not 18
L9 13 L6 NOT L8

=> d 19 1-13 ibib

L9 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Conjugated polymers containing arylamine for light-emitting diodes

Author/Inventor

Shi, Jianmin; Zheng, Shiyong

Patent Assignee/Corporate Source

Eastman Kodak Co., Rochester, NY, 14650, USA

Source

Polymeric Materials Science and Engineering (2001), 84, 473-474 CODEN: PMSEDG; ISSN: 0743-0515

Document Type

Journal

Language

English

L9 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electroluminescence devices

Author/Inventor

Chen, Shi Min; Shi, Chan Min

Patent Assignee/Corporate Source

Eastman Kodak Co., USA

Source

Jpn. Kokai Tokkyo Koho, 88 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002093582	A	20020329	JP 2001-178712	20010613

Patent Number (1)

JP 2002093582

Kind Code (1)

A

Patent Publication Date (1)

20020329

Application Number (1)

JP 2001-178712

Application Date (1)

20010613

Priority Patent Number (1)

US 2000-593073

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

20000613

L9 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electroluminescent devices having arylamine polymers

Author/Inventor
Shi, Jianmin; Zheng, Shiyong
Patent Assignee/Corporate Source
Eastman Kodak Company, USA

Source
U.S., 32 pp. CODEN: USXXAM

Document Type
Patent

Language
English

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6329086	B1	20011211	US 2000-593127	20000613

Patent Number (1)
US 6329086

Kind Code (1)
B1

Patent Publication Date (1)
20011211

Application Number (1)
US 2000-593127

Application Date (1)
20000613

Priority Patent Number (1)
US 2000-593127

Priority Kind Code (1)
A

Priority Patent Publication Date (1)
20000613

L9 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Conjugated polymers containing arylamine pendants for light-emitting diodes

Author/Inventor
Shi, Jianmin; Zheng, Shiyong
Patent Assignee/Corporate Source
Research & Development, Eastman Kodak Company, Rochester, NY, 14650, USA

Source
Macromolecules (2001), 34(19), 6571-6576 CODEN: MAMOBX; ISSN: 0024-9297

Document Type
Journal

Language
English

L9 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Syntheses of 6,12-disubstituted 5,11-dihydroindolo[3,2- b]carbazoles, including 5,11-dihydroindolo[3,2- b]carbazole-6,12-dicarbaldehyde, an extremely efficient ligand for the TCDD (Ah) receptor

Author/Inventor
Tholander, Joakim; Bergman, Jan
Patent Assignee/Corporate Source
Department of Chemistry, Royal Institute of Technology, Stockholm, S-100 44, Swed.

Source
Tetrahedron (1999), 55(43), 12577-12594 CODEN: TETRAB; ISSN: 0040-4020

Document Type
Journal

Language
English

L9 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Polyheteroarylenes based on 2,5-dianilinoterephthalic acid dihydrazide; synthesis and properties
Author/Inventor
Berendyaev, V. I.; Mukhamed'yanova, T. D.; Kotov, B. V.; Vozzhennikov, V. M.; Pravednikov, A. N.
Patent Assignee/Corporate Source
Nauchno-Issled. Fiz.-Khim. Inst. im. Karpova, Moscow, USSR
Source
Vysokomolekulyarnye Soedineniya, Seriya B: Kratkie Soobshcheniya (1977), 19(11), 866-70 CODEN:
VYSBAI; ISSN: 0507-5483
Document Type
Journal
Language
Russian

L9 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Chapman rearrangements. Synthesis of aromatic N,N'-diaryldiamines with o,o'-positioned carboxyl
groups
Author/Inventor
Bock, Gustav
Patent Assignee/Corporate Source
Badische Anilin- und Soda-Fabrik A.-G., Ludwigshafen/Rhein, Fed. Rep. Ger.
Source
Chemische Berichte (1967), 100(9), 2870-84 CODEN: CHBEAM; ISSN: 0009-2940
Document Type
Journal
Language
German

L9 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Pyromellitic acid derivatives
Author/Inventor
Manukian, Badrig K.
Patent Assignee/Corporate Source
Sandoz Ltd.
Source
Patentschrift (Switz.), 3 pp. CODEN: SWXXAS
Document Type
Patent
Language
German

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>CH 419166</u>		<u>19670228</u>	<u>CH 1961-13821</u>	<u>19611128</u>

Patent Number (1)

CH 419166

Patent Publication Date (1)

19670228

Application Number (1)

CH 1961-13821

Application Date (1)
19611128

L9 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
Title

Dialkyl bis(N-carbamoylaryl amino)isophthalates and -terephthalates.

Author/Inventor

Bock, Gustav

Patent Assignee/Corporate Source

Badische Anilin- & Soda-Fabrik AG

Source

3 pp.

Document Type

Patent

Language

Unavailable

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>DE 1176640</u>		<u>19640827</u>	<u>DE 1963-B71420</u>	<u>19630405</u>

Patent Number (1)

DE 1176640

Patent Publication Date (1)

19640827

Application Number (1)

DE 1963-B71420

Application Date (1)

19630405

Priority Patent Number (1)

DE

Priority Patent Publication Date (1)

19630405

L9 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
Title

N,N'-Dibenzoylbis(diarylamino)phthalic acid esters

Author/Inventor

Bock, Gustav; Deuschel, Werner

Patent Assignee/Corporate Source

Badische Anilin- & Soda-Fabrik A.-G.

Source

19 pp.

Document Type

Patent

Language

Unavailable

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>BE 628295</u>		<u>19630812</u>	<u>BE</u>	

Patent Number (1)

BE 628295

Patent Publication Date (1)

19630812

Application Number (1)

BE

Priority Patent Number (1)

DE
Priority Patent Publication Date (1)
19620213

L9 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Pyromellitic acid and cumidinic acid derivatives. VI
Author/Inventor
Manukian, B. K.
Patent Assignee/Corporate Source
Tech. Hochschule, Zuerich, Switz.
Source
Helvetica Chimica Acta (1961), 44, 1922-6 CODEN: HCACAV; ISSN: 0018-019X
Document Type
Journal
Language
Unavailable

L9 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Condensation products of diethylsuccinylsuccinic esters with primary arylamines
Author/Inventor
Migliacci, D.; Gargiulo, R.
Source
Gazzetta Chimica Italiana (1928), 58, 110-21 CODEN: GCITA9; ISSN: 0016-5603
Document Type
Journal
Language
Unavailable

L9 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title
The constitution of succinylsuccinic esters and of p-dihydroxyterephthalic esters
Author/Inventor
Migliacci, D.
Source
Gazzetta Chimica Italiana (1927), 57, 914-23 CODEN: GCITA9; ISSN: 0016-5603
Document Type
Journal
Language
Unavailable

=> d his

(FILE 'HOME' ENTERED AT 09:46:12 ON 25 JUN 2008)

FILE 'REGISTRY' ENTERED AT 09:47:55 ON 25 JUN 2008

L1 STRUCTURE UPLOADED
L2 3 S L1 SSS SAM
L3 47 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 09:48:51 ON 25 JUN 2008

L4 25 S L3
L5 17 S L4 AND PY<=2003
L6 14 S L5 AND PY<=2002

L7 1 S L6 AND QUINACRIDONE
L8 1 S L6 AND ?QUINACRIDONE
L9 13 S L6 NOT L8

=> s 15 not 16

L10 3 L5 NOT L6

=> d 110 1-3 ibib

L10 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Single compound white luminescent device and white electroluminescent component using carbazole or quinacridone derivative

Author/Inventor

Nakaya, Tadao; Eto, Naonobu; Saikawa, Tomoyuki; Ikeda, Atsushi; Kimura, Yoshihiro; Yamauchi, Takao

Patent Assignee/Corporate Source

Taiho Kogyo Co., Ltd., Japan; Hirose Engineering Co., Ltd.

Source

Jpn. Kokai Tokkyo Koho, 26 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003203780	A	20030718	JP 2002-10895	20020118

Patent Number (1)

JP 2003203780

Kind Code (1)

A

Patent Publication Date (1)

20030718

Application Number (1)

JP 2002-10895

Application Date (1)

20020118

Priority Patent Number (1)

JP 2001-333569

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

20011030

L10 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Preparation of white fluorescent quinacridones

Author/Inventor

Nakaya, Tadao; Eto, Naonobu; Saikawa, Tomoyuki; Ikeda, Atsushi; Kimura, Yoshihiro; Yamauchi, Takao

Patent Assignee/Corporate Source

Taiho Kogyo Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 31 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003192684	A	20030709	JP 2002-12223	20020121

Patent Number (1)

JP 2003192684

Kind Code (1)

A

Patent Publication Date (1)

20030709

Application Number (1)

JP 2002-12223

Application Date (1)

20020121

Priority Patent Number (1)

JP 2001-292509

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

20010925

L10 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electroluminescent derivatives of 2,5-Diamino- terephthalic acids and their use in organic light-emitting diodes

Author/Inventor

Richter, Andreas M.; Schoenewerk, Jens; Diener, Gerhard

Patent Assignee/Corporate Source

Syntec Gesellschaft fuer Chemie und Technologie der Informationsaufzeichnung m.b.H., Germany

Source

Ger. Offen., 34 pp. CODEN: GWXXBX

Document Type

Patent

Language

German

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10141266	A1	20030306	DE 2001-10141266	20010821

Patent Number (1)

DE 10141266

Kind Code (1)

A1

Patent Publication Date (1)

20030306

Application Number (1)

DE 2001-10141266

Application Date (1)

20010821

Priority Patent Number (1)

DE 2001-10141266

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

20010821

=>

Connection closed by remote host

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

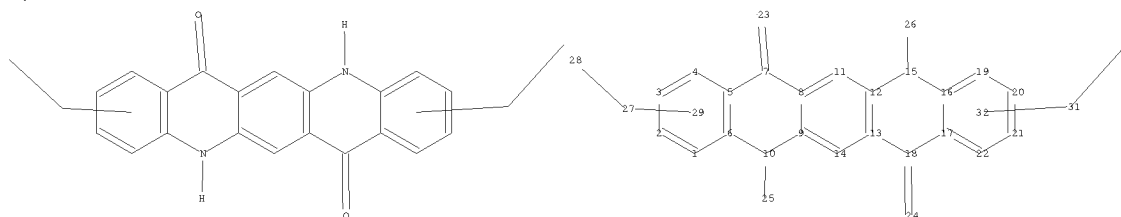
LOGINID:SSPTAMEN1774

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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chain nodes :

23 24 25 26 27 28 30 31

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

chain bonds :

7-23 10-25 15-26 18-24 27-28 30-31

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13 12-15 13-14 13-18 15-16 16-17 16-19 17-18 17-22 19-20 20-21 21-22

exact/norm bonds :

5-7 6-10 7-8 7-23 9-10 12-15 13-18 15-16 17-18 18-24

exact bonds :

10-25 15-26 27-28 30-31

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-11 9-14 11-12 12-13 13-14 16-17 16-19 17-22 19-20 20-21 21-22

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom

12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom
21:Atom 22:Atom 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:Atom
30:CLASS 31:CLASS 32:Atom

L1 STRUCTURE UPLOADED

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SAMPLE SEARCH INITIATED 13:15:35 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 411 TO ITERATE

100.0% PROCESSED 411 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 7004 TO 9436

PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 13:15:39 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 8050 TO ITERATE

100.0% PROCESSED 8050 ITERATIONS

26 ANSWERS

SEARCH TIME: 00.00.01

L3 26 SEA SSS FUL L1

=> s l3

L4 23 L3

=> s l4 and py<=2003

23982103 PY<=2003

L5 18 L4 AND PY<=2003

=> s l5 and patent/dt

6240930 PATENT/DT

L6 14 L5 AND PATENT/DT

=> d l6 1-14 ibib

L6 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electroluminescent devices using doping blends

Author/Inventor

Heuer, Helmut Werner; Wehrmann, Rolf; Deussen, Martin; Elschner, Andreas; Hueppauff, Martin

Patent Assignee/Corporate Source

Bosch, Robert, G.m.b.H., Germany; Bayer A.-G.

Source

Ger. Offen., 66 pp. CODEN: GWXXBX

Document Type

Patent

Language

German

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19803889	A1	19990805	DE 1998-19803889	19980131

Patent Number (1)

DE 19803889

Kind Code (1)

A1

Patent Publication Date (1)

19990805

Application Number (1)

DE 1998-19803889

Application Date (1)

19980131

Priority Patent Number (1)

DE 1998-19803889

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

19980131

L6 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electric-field luminescent material

Author/Inventor

Yazawa, Tomoya

Patent Assignee/Corporate Source

Casio Computer Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 5 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10110164	A	19980428	JP 1996-285907	19961009

Patent Number (1)

JP 10110164

Kind Code (1)

A

Patent Publication Date (1)

19980428

Application Number (1)

JP 1996-285907

Application Date (1)

19961009

Priority Patent Number (1)

JP 1996-285907

Priority Patent Publication Date (1)

19961009

L6 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Organic electroluminescent device materials

Author/Inventor

Enokida, Toshio; Tamano, Michiko; Onikubo, Shunichi
Patent Assignee/Corporate Source
Toyo Ink Mfg Co, Japan
Source

Jpn. Kokai Tokkyo Koho, 13 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08041451	A	19960213	JP 1994-178050	19940729

Patent Number (1)

JP 08041451

Kind Code (1)

A

Patent Publication Date (1)

19960213

Application Number (1)

JP 1994-178050

Application Date (1)

19940729

Priority Patent Number (1)

JP 1994-178050

Priority Patent Publication Date (1)

19940729

L6 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Amorphous organic thin film device and amorphous organic polymer composition

Author/Inventor

Naito, Katsuyuki

Patent Assignee/Corporate Source

Tokyo Shibaura Electric Co, Japan

Source

Jpn. Kokai Tokkyo Koho, 12 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06122277	A	19940506	JP 1993-40226	19930301

Patent Number (1)

JP 06122277

Kind Code (1)

A

Patent Publication Date (1)

19940506

Application Number (1)

JP 1993-40226

Application Date (1)

19930301

Priority Patent Number (1)

JP 1992-228348

Priority Kind Code (1)

A

Priority Patent Publication Date (1)
19920827

L6 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
Title

Photopolymerizable composition for platemaking

Author/Inventor

Kojima, Noriyoshi; Sasa, Nobumasa

Patent Assignee/Corporate Source

Konica Co., Japan

Source

Jpn. Kokai Tokkyo Koho, 16 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 04333850</u>	<u>A</u>	<u>19921120</u>	<u>JP 1991-133479</u>	<u>19910509</u>

Patent Number (1)

JP 04333850

Kind Code (1)

A

Patent Publication Date (1)

19921120

Application Number (1)

JP 1991-133479

Application Date (1)

19910509

Priority Patent Number (1)

JP 1991-133479

Priority Patent Publication Date (1)

19910509

L6 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
Title

Light-resistant display sheets

Author/Inventor

Shimamoto, Koichiro; Inoue, Hiroko; Kitano, Hisao; Yamamoto, Kunitoshi; Fukushima, Yutaka

Patent Assignee/Corporate Source

Nissha Printing Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 8 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 04139269</u>	<u>A</u>	<u>19920513</u>	<u>JP 1990-262028</u>	<u>19900929</u>

Patent Number (1)

JP 04139269

Kind Code (1)

A

Patent Publication Date (1)
19920513
Application Number (1)
JP 1990-262028
Application Date (1)
19900929
Priority Patent Number (1)
JP 1990-262028
Priority Patent Publication Date (1)
19900929

L6 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Delcomania for golf ball

Author/Inventor

Yoshinaga, Masanobu

Patent Assignee/Corporate Source

Toppan Printing Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 3 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63089377	A	19880420	JP 1986-235748	19861003

Patent Number (1)
JP 63089377

Kind Code (1)
A

Patent Publication Date (1)
19880420

Application Number (1)
JP 1986-235748

Application Date (1)
19861003

Priority Patent Number (1)
JP 1986-235748

Priority Patent Publication Date (1)
19861003

L6 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Thermal-transfer recording media

Author/Inventor

Tezuka, Toshiaki; Abe, Takao

Patent Assignee/Corporate Source

Konishiroku Photo Industry Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 5 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 62149493	A	19870703	JP 1985-296334	19851224

Patent Number (1)

JP 62149493

Kind Code (1)

A

Patent Publication Date (1)

19870703

Application Number (1)

JP 1985-296334

Application Date (1)

19851224

Priority Patent Number (1)

JP 1985-296334

Priority Patent Publication Date (1)

19851224

L6 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Linear quinacridones

Author/Inventor

Spietschka, Ernst; Prokschy, Frank

Patent Assignee/Corporate Source

Hoechst A.-G., Fed. Rep. Ger.

Source

Ger. Offen., 16 pp. CODEN: GWXXBX

Document Type

Patent

Language

German

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3515875	A1	19861106	DE 1985-3515875	19850503

Patent Number (1)

DE 3515875

Kind Code (1)

A1

Patent Publication Date (1)

19861106

Application Number (1)

DE 1985-3515875

Application Date (1)

19850503

Priority Patent Number (1)

DE 1985-3515875

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

19850503

L6 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Mixtures of pigments derived from quinacridone

Patent Assignee/Corporate Source

Farbwerke Hoechst A.-G.

Source

Fr. Demande, 14 pp. CODEN: FRXXBL

Document Type

Patent

Language

French

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>FR 2154787</u>	<u>A1</u>	<u>19730511</u>	<u>FR 1972-34847</u>	<u>19721002</u>

Patent Number (1)

FR 2154787

Kind Code (1)

A1

Patent Publication Date (1)

19730511

Application Number (1)

FR 1972-34847

Application Date (1)

19721002

Priority Patent Number (1)

DE 1971-2148866

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

19710930

L6 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic plate

Author/Inventor

Weinberger, Lester

Patent Assignee/Corporate Source

Rank-Xerox Ltd.

Source

Fr. Demande, 15 pp. CODEN: FRXXBL

Document Type

Patent

Language

French

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>FR 2022360</u>		<u>19700731</u>	<u>FR 1969-37223</u>	<u>19691027</u>

Patent Number (1)

FR 2022360

Patent Publication Date (1)

19700731

Application Number (1)

FR 1969-37223

Application Date (1)

19691027

Priority Patent Number (1)

US

Priority Patent Publication Date (1)

19681101

L6 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic plate

Author/Inventor

Weinberger, Lester

Patent Assignee/Corporate Source

Rank-Xerox Ltd.

Source

Ger. Offen., 21 pp. CODEN: GWXXBX

Document Type

Patent

Language

German

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>DE 1942700</u>		<u>19700226</u>	<u>DE 1969-1942700</u>	<u>19690821</u>

Patent Number (1)

DE 1942700

Patent Publication Date (1)

19700226

Application Number (1)

DE 1969-1942700

Application Date (1)

19690821

Priority Patent Number (1)

US

Priority Patent Publication Date (1)

19680822

L6 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Quinacridinones as pigments for photoelectrophoretic imaging processes

Author/Inventor

Tulagin, Vsevolod; Labana, Santokh S.

Patent Assignee/Corporate Source

Xerox Corp.

Source

U.S., 7 pp. CODEN: USXXAM

Document Type

Patent

Language

English

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>US 3474020</u>	<u>A</u>	<u>19691021</u>	<u>US 1965-468935</u>	<u>19650702</u>

Patent Number (1)

US 3474020

Kind Code (1)

A

Patent Publication Date (1)

19691021

Application Number (1)

US 1965-468935

Application Date (1)

19650702

Priority Patent Number (1)

US 1965-468935
Priority Kind Code (1)
A
Priority Patent Publication Date (1)
19650702

L6 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
Title

Quinacridone pigments for photoelectrophoresis
Patent Assignee/Corporate Source
Xerox Corp.

Source
Neth. Appl., 19 pp. CODEN: NAXXAN

Document Type

Patent

Language

Dutch

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>NL 6609194</u>	<u>A</u>	<u>19670102</u>	<u>NL 1966-9194</u>	<u>19660701</u>

Patent Number (1)
NL 6609194
Kind Code (1)
A
Patent Publication Date (1)
19670102

Application Number (1)
NL 1966-9194

Application Date (1)
19660701

Priority Patent Number (1)
US 1965-468935

Priority Kind Code (1)

A

Priority Patent Publication Date (1)
19650702

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Connection closed by remote host